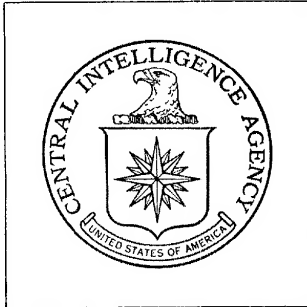


Top Secret



DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Brief

Chi-hsi Thermal Power Plant

Chi-ning, China



25X1A

Declassification Review NIMA/DoD

DECLASS REVIEW by NIMA/DOD

*Handle via Talent - Keyhole
Channels Only*

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GROUP 1
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DOWNGRADING AND
DECLASSIFICATION

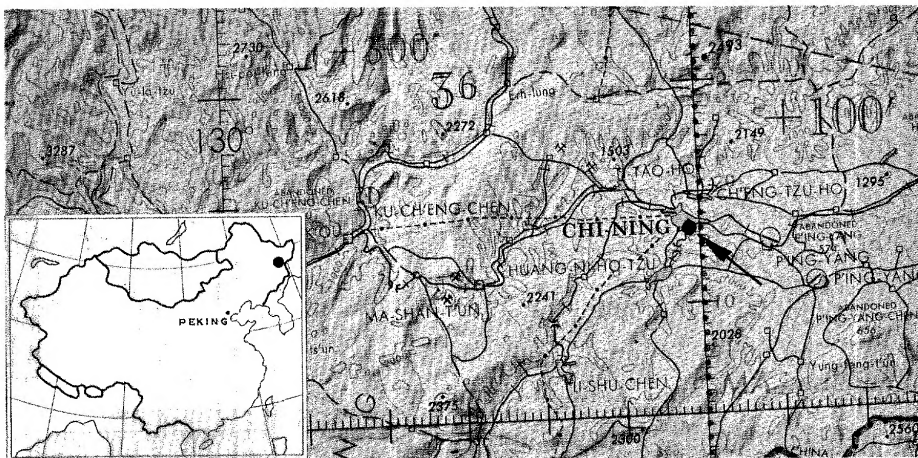
CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

TCS - 5640/69
BCS - 13/0123/69

INSTALLATION OR ACTIVITY NAME					COUNTRY
Chi-hsi Thermal Power Plant					CH
25X1A					
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NUMBER	COMIREX NO.	WAC-PIC NO.
52TFF540157	45-16-58N 130-58-22E				0283-29-B
MAP REFERENCE					
67th RTS. USATC Series 200, Sheet 0283-20HL, 2nd edition, Mar 64, Scale 1:200,000 (SECRET)					
LATEST IMAGERY USED		NEGATION DATE (If required)			
		Not Required			

INTRODUCTION

The plant is located near the center of Chi-ning (Chi-hsi), China.



BASIC DESCRIPTION

The plant is road and rail served. No security measures could be identified on the poor-quality imagery available.

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Construction has taken place at this plant since [REDACTED] the date of the latest imagery utilized in the referenced report. On [REDACTED] imagery, the area east of the original boilerhouse and generator hall appeared to have been cleared, two natural-draft cooling towers had been constructed and another appeared to be under construction. The latter was not complete by [REDACTED]. Construction of an addition to the eastern boilerhouse section and generator hall began after [REDACTED] and was still in progress in [REDACTED].

25X1D

The switching yard is located at the southwest corner of the plant and appears to encompass two sections, probably for separate voltages. The switching equipment in the eastern section appears to be enclosed whereas switching in the western section is in the open. The number of circuits from the generator hall and the number of transformers could not be determined.

Plant operation as indicated by smoke or vapor emanating from the plant facilities was observed as follows:

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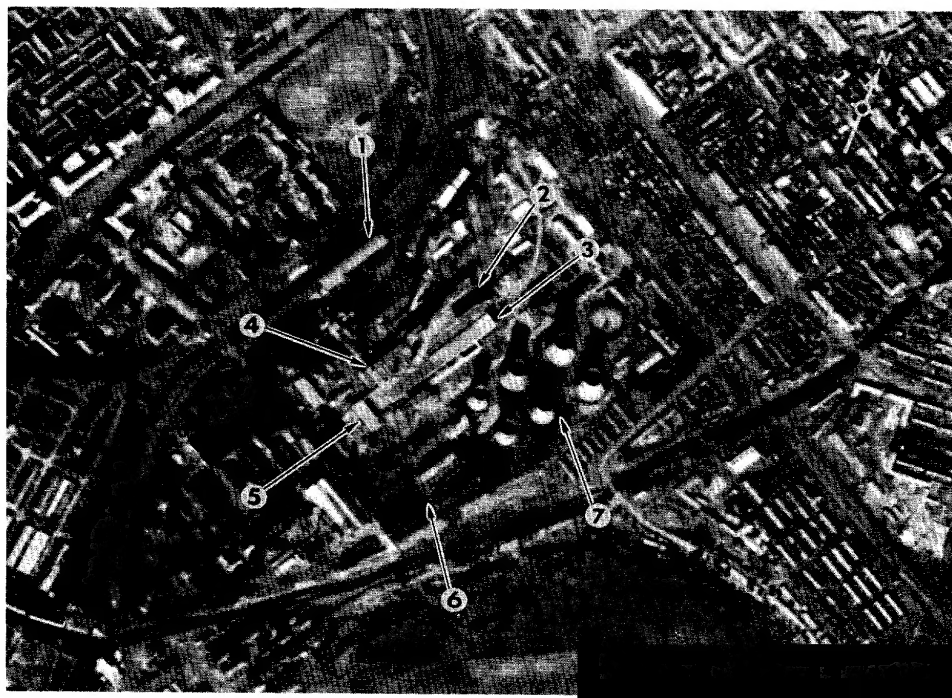
25X1D



- Heavy smoke was observed at one roof stack and light smoke at the other. Moderate smoke was emanating from the masonry stack. No vapor was observed at the cooling towers.
- Moderate smoke was emanating from the masonry stack and heavy smoke from at least one roof stack. Moderate vapor was observed at two cooling towers (one in the center and one of the two southernmost).
- Heavy smoke was emanating from the masonry stack. Heavy vapor was observed at the towers which were operating on [REDACTED]
- Moderate smoke was emanating from one roof stack and the masonry stack. No vapor was evident at the cooling towers.

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25X1D

Key to Annotations

<u>Item No.</u>	<u>Description</u>	<u>Dimensions (ft)*</u>	<u>Remarks</u>
1	Coal off-loading facility		
2	Eastern boiler section	295 x 100	Served by masonry stack
3	Generator hall	350 x 100, 230 x 75	
4	Western boiler section	205 x 75	Served by two roof stacks
5	Possible control house		
6	Switching yard		
7	Natural-draft cooling towers		6 complete, 1 under construction

*The dimensions are considered approximate.

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25X1D

REFERENCES



Maps

67th RTS. US Air Target Chart, Series 200, Sheet 0283-20HL, 2nd edition, March 1964, Scale 1:200,000 (SECRET)

ACIC. USAF Operational Navigation Chart, Sheet F-9, 1st edition, August 1966, Scale 1:1,000,000 (UNCLASSIFIED)

Documents

CIA. PIR 65109, Chinese Power Plants, Heilungkiang Province, April 1966, TCS 2138/66 (TOP SECRET RUFF)

Requirement

EXSUBCOM - BR-N/002-69

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Approved For Release 2001/09/04 : CIA-RDP79T00909A000100010021-9

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